

OFFER SUBMISSION PACKAGE

SOLICITATION: SP0600-01-R-0061

PROGRAM: 2.2A, 2.2C, 2.5A

THE ENCLOSED SOLICITATION COVERS THE PERIOD: APRIL 01, 2001

THROUGH: MARCH 31, 2002

To be timely, offers must be received at the Defense Energy Support Center by: OCTOBER 17, 2000 @ 3:00 P.M.

LOCAL TIME.

INSTRUCTIONS:

1. One copy of this Offer Submission Package must be returned to the Defense Energy Support Center as your offer. All documents to be completed and returned are contained in this Offer Submission Package:

- ☒ Standard Form 1449
- ☒ Origin Offer Cards
- ☒ Destination Offer Cards
- ☒ Offer Information Sheet
- ☒ All Applicable Fill-In Clauses
- ☒ Contractor Bulk Liquid Facilities Report
- ☒ Small Business Subcontracting Plan
- ☒ Standardized Format For Use in the Preparation of Product Test Reports

2. Be sure to check your offer prices in Section B for accuracy and legibility prior to submission. Initial all changes. Sign and date the Standard Form 1449 in ink.

3. If you are submitting your offer by facsimile, please limit your facsimile transmission to the contents of this Offer Submission Package.

4. By submission of this package, you are stating that ALL terms and conditions of the entire solicitation are accepted and apply to your offer unless clearly stated herein.

ATTACHMENT #1

OFFEROR SUBMISSION PACKAGE

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SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, & 30					1. REQUISITION NUMBER SC0600-00-0415,0416,0417		PAGE 1 OF 24								
2. CONTRACT NUMBER		3.AWARD/EFFECTIVE DATE		4. ORDER NUMBER		5. SOLICITATION NUMBER SP0600-01-R-0061		6.. SOLICITATION ISSUE DATE 18 SEPT 2000							
7. FOR SOLICITATION INFORMATION CALL:		a. NAME CLAUDIA STITES -DESC-BZA				b. TELEPHONE NUMBER (no collect calls) (703)767-9259		8. OFFER DUE DATE 17 OCT 2000 @ 3:00 P.M. LOCAL TIME.							
9. ISSUED BY ATTN DESC BZA RM 2954 DEFENSE ENERGY SUPPORT CENTER 8725 JOHN J KINGMAN RD SUITE 4950 FORT BELVOIR, VA 22060-6222 SEE BLOCK 6 OF THE DD FORM 1707 FOR ADDRESS TO SEND OFFERS PP: 2.2A, 2.2C, 2.5A				SC0600		10. THIS ACQUISITION IS <input type="checkbox"/> UNRESTRICTED <input checked="" type="checkbox"/> SET ASIDE 33 % FOR <input checked="" type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> SMALL DISADV BUSINESS <input type="checkbox"/> 8(A) SIC NAICS: 32411 SIZE STANDARD: See Clause L2.05-2		11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input checked="" type="checkbox"/> SEE SCHEDULE		12. DISCOUNT TERMS					
				13a. THIS CONTRACT IS RATED ORDER UNDER DPAS (15 CFR 700)											
				13b. RATING											
				14. METHOD OF SOLICITATION <input type="checkbox"/> RFQ <input type="checkbox"/> IFB <input checked="" type="checkbox"/> RFP											
15. DELIVER TO SEE SCHEDULE				CODE		16. ADMINISTERED BY SEE BLOCK 9									
17a. CONTRACTOR / OFFEROR		CODE		FACILITY CODE		18a. PAYMENT WILL BE MADE BY DEFENSE FINANCE AND ACCOUNTING SERVICE - COLUMBUS CENTER STOCK FUND DIRECTORATE FUELS ACCOUNTING AND PAYMENTS DIVISION ATTN: DFAS-CO-TLSFA P.O. BOX 182317 COLUMBUS OH 43218-6250									
TELEPHONE NO.						HQ0104									
<input type="checkbox"/> 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER						18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a. UNLESS BLOCK BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM									
19. ITEM NO.		20. SCHEDULE OF SUPPLIES/SERVICES				21. QUANTITY		22. UNIT		23. UNIT PRICE		24. AMOUNT			
		SEE CLAUSE B14.03 (SCHEDULE)													
25. ACCOUNTING AND APPROPRIATION DATA								26. TOTAL AWARD AMOUNT (For Govt. Use Only)							
<input checked="" type="checkbox"/> 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4. FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA (X) ARE () ARE NOT ATTACHED. <input type="checkbox"/> 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA () ARE () ARE NOT ATTACHED.															
<input checked="" type="checkbox"/> 28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN <u>1</u> COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.								<input type="checkbox"/> 29. AWARD OF CONTRACT: REFERENCE _____ OFFER DATED _____. YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS..							
30a. SIGNATURE OF OFFEROR/CONTRACTOR								31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER)							
30b. NAME AND TITLE OF SIGNER (TYPE OR PRINT)						30c. DATE SIGNED				31b. NAME OF CONTRACTING OFFICER (TYPE OR PRINT) WILLIAM A. MACLAREN, JR.				31c. DATE SIGNED	
32a. QUANTITY IN COLUMN 21 HAS BEEN <input type="checkbox"/> RECEIVED <input type="checkbox"/> INSPECTED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED								33. SHIP NUMBER		34. VOUCHER NUMBER		35. AMOUNT VERIFIED CORRECT FOR			
								<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL							
32b. SIGNATURE OF AUTHORIZED GOVT. REPRESENTATIVE						32c. DATE		36. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL				37. CHECK NUMBER			
								38. S/R ACCOUNT NUMBER		39. S/R VOUCHER NUMBER		40. PAID BY			
41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT						42a. RECEIVED BY (Print)									
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER						41c. DATE		42b. RECEIVED AT (Location)							
						42c. DATE REC'D (YY/MM/DD)		42d. TOTAL CONTAINERS							

<u>ORIGIN OFFER CARD</u>				
GRADE OF PRODUCT _____				
SHIPPING POINT _____		MAXIMUM QTY _____		
ORIGIN PRICE PER GALLON (SPECIFY WITH OR WITHOUT FSII and/or SDA)				
TANKER OR VESSEL (TK)	BARGE (B)	PIPELINE (P)	TANK CAR (TC)	TRANSPORT TRUCK (TT)
\$	\$	\$	\$	\$
FUEL SYSTEM ICING INHIBITOR FACTOR \$				
STATIC DISSIPATOR ADDITIVE FACTOR \$				

<u>ORIGIN OFFER CARD</u>				
GRADE OF PRODUCT _____				
SHIPPING POINT _____		MAXIMUM QTY _____		
ORIGIN PRICE PER GALLON (SPECIFY WITH OR WITHOUT FSII and/or SDA)				
TANKER OR VESSEL (TK)	BARGE (B)	PIPELINE (P)	TANK CAR (TC)	TRANSPORT TRUCK (TT)
\$	\$	\$	\$	\$
FUEL SYSTEM ICING INHIBITOR FACTOR \$				
STATIC DISSIPATOR ADDITIVE FACTOR \$				

<u>ORIGIN OFFER CARD</u>				
GRADE OF PRODUCT _____				
SHIPPING POINT _____		MAXIMUM QTY _____		
ORIGIN PRICE PER GALLON (SPECIFY WITH OR WITHOUT FSII and/or SDA)				
TANKER OR VESSEL (TK)	BARGE (B)	PIPELINE (P)	TANK CAR (TC)	TRANSPORT TRUCK (TT)
\$	\$	\$	\$	\$
FUEL SYSTEM ICING INHIBITOR FACTOR \$				
STATIC DISSIPATOR ADDITIVE FACTOR \$				

DESTINATION OFFER CARD

GRADE OF PRODUCT _____ MAX. VOLUME OFFERED _____
(FOR THIS ACTIVITY/LOCATION ONLY)*

ACTIVITY/LOCATION _____ MIN. VOLUME OFFERED _____
(FOR THIS ACTIVITY LOCATION ONLY)*

SOLICITATION LINE ITEM NO. _____ DESTINATION PRICE _____

OFFEROR'S SHIPPING POINT _____ FREIGHT RATE INCLUDED IN PRICE _____

MODE OF TRANSPORTATION _____

INDICATE WHETHER PRICE IS WITH OR WITHOUT FUEL SYSTEM ICING INHIBITOR (FSII) AND/OR STATIC DISSIPATOR ADDITIVE (SDA)

FSII COST FACTOR: _____ SDA COST FACTOR: _____

*An overall maximum or minimum volume for the entire offer may be provided on the OFFER INFORMATION SHEET.

DESTINATION OFFER CARD

GRADE OF PRODUCT _____ MAX. VOLUME OFFERED _____
(FOR THIS ACTIVITY/LOCATION ONLY)*

ACTIVITY/LOCATION _____ MIN. VOLUME OFFERED _____
(FOR THIS ACTIVITY/LOCATION ONLY)*

SOLICITATION LINE ITEM NO. _____ DESTINATION PRICE _____

OFFEROR'S SHIPPING POINT _____ FREIGHT RATE INCLUDED IN PRICE _____

MODE OF TRANSPORTATION _____

INDICATE WHETHER PRICE IS WITH OR WITHOUT FUEL SYSTEM ICING INHIBITOR (FSII) AND/OR STATIC DISSIPATOR ADDITIVE (SDA)

FSII COST FACTOR: _____ SDA COST FACTOR: _____

*An overall maximum or minimum volume for the entire offer may be provided on the OFFER INFORMATION SHEET.

OFFER INFORMATION SHEET (cont'd)

6. State Your Tanker Draft.

LOCATION

DRAFT

7. State the minimum number of days between lifts per product for each method of delivery (please state if there is no interval required between lifts):

PRODUCT

MODE

NUMBER OF DAYS BETWEEN LIFTS

NOTES:

(1) **FOR EVALUATION PURPOSES ONLY:** DESC will add five (5) days to offered tanker lift intervals and three (3) days to offered barge lift intervals to determine if the maximum total quantity offered for each offered item can be lifted under a resultant contract. These evaluation factors were derived from operational scheduling realities and will only be used for evaluation purposes. If the evaluation of each item results in less total quantity than the total quantity offered for that item, then the Government may not award more than the evaluated total quantity. However, offerors should consider the Government's evaluation factors for tanker and barge lift intervals to assure lift intervals and parcel sizes provide for full evaluation of total offered quantity for all items by all modes of delivery.

(2) Unless you define otherwise, lift interval is the time between when the vessel completes loading (released by the Government Inspector) until the Scheduled Delivery Date of the next lifting for a specific product.

(3) For companies offering FOB Destination barge, the additional three (3) days that are added on the lift interval for evaluation purposes does not apply. In addition, offers FOB Destination Barge are not penalized for any operational constraints such as daylight berthing and quantities less than a full vessel.

(4) No tanker rates can be provided for tanker offers when the refinery and the DFSP are within the same port complex or within 100 nautical miles.

8. If you have offered by pipeline, indicate below the pipeline(s) through which the product can be moved.

SHIPPING POINT

NAME OF PIPELINE(S)

OFFER INFORMATION SHEET (cont'd)

9. Please indicate your actual monthly production capacity by product(s) being offered:

Product_____Monthly production capacity_____

10. On items calling for delivery F.O.B. transport truck at origin, the contractor shall, without additional cost to the government, operate its loading terminal during hours which will allow transport trucks to receive shipments, proceed to using activity and arrive no earlier or later than the scheduled arrival times (assuming no truck lading rate and commercial transit time between terminal and using activity). OFFERORS ARE REQUESTED TO INDICATE THE NUMBER OF DAYS PER WEEK IN WHICH THE TRUCK LOADING TERMINAL WILL BE OPEN AND THE HOURS OF OPERATION DURING THE DAY AND NIGHT.

DAYS PER WEEK:

HOURS:

11. Remarks:

SECTION F

F3.02 TRANSPORT TRUCK AND/OR TRUCK AND TRAILER FREE TIME AND DETENTION RATES (BULK/LUBES)
(DESC JUN 1996)

(a) Upon arrival of Contractor's transport truck or truck and trailer, the receiving activity shall promptly designate the tanks into which the load is to be discharged. Free time will commence at the time the discharge hose is connected to fill pipe at the delivery point specified and will end when discharge is completed. For items involving multiple drops, time between drops will not be included in free time. Contractor shall be paid for detention beyond free time for delays caused by the Government. A minimum of one hour free time is required. Rate for detention shall be comparable to regulated tariffs governing the local area of receiving activity.

(1) Free time for unloading transport truck or truck and trailer: _____.

(2) Rate for detention beyond the free time: _____.

(b) The above will not be considered in the evaluation of offers for award, except that free time of less than one hour or detention rates not comparable to regulated tariffs may render an offer unacceptable/bid nonresponsive.

UNLESS OFFEROR INDICATES OTHERWISE, FREE TIME WILL BE CONSIDERED UNLIMITED.

(c) DETENTION COSTS. Any invoices for detention costs will be forwarded directly to the Contracting Officer.

(DESC 52.247-9FA5)

SECTION G

THIS CLAUSE APPLIES ONLY TO DESC-FUNDED ITEMS.

G9.07 ELECTRONIC TRANSFER OF FUNDS PAYMENTS - CORPORATE TRADE EXCHANGE (DESC JUN 2000)

(a) The Contractor shall supply the following information to the Contracting Officer no later than 5 days after contract award and before submission of the first request for payment.

NAME OF RECEIVING BANK: _____
(DO NOT EXCEED 29 CHARACTERS)

CITY AND STATE OF RECEIVING BANK: _____
(DO NOT EXCEED 20 CHARACTERS)

AMERICAN BANKERS ASSOCIATION NINE DIGIT IDENTIFIER OF RECEIVING BANK: _____

ACCOUNT TYPE CODE: (Contractor to designate one)

[] CHECKING TYPE 22

[] SAVINGS TYPE 32

RECIPIENT'S ACCOUNT NUMBER ENCLOSED IN PARENTHESES: _____
(DO NOT EXCEED 15 CHARACTERS)

RECIPIENT'S NAME: _____
(DO NOT EXCEED 25 CHARACTERS)

STREET ADDRESS: _____
(DO NOT EXCEED 25 CHARACTERS)

CITY AND STATE: _____
(DO NOT EXCEED 25 CHARACTERS)

NOTE: Additional information may be entered in **EITHER** paragraph (b) **OR** paragraph (c) below. Total space available for information entered in (b) **OR** (c) is 153 characters.

(b) **SPECIAL INSTRUCTIONS/OTHER IDENTIFYING DATA:**

(DO NOT EXCEED 153 CHARACTERS)

OR

SECTION I

I238.02 NOTICE OF PRICE EVALUATION PREFERENCE FOR HUBZONE SMALL BUSINESS CONCERNS (JAN 1999)

(a) **DEFINITION. HUBZone small business concern**, as used in this clause, means a small business concern that appears on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration.

(b) **EVALUATION PREFERENCE.**

(1) Offers will be evaluated by adding a factor of 10 percent to the price of all offers, except—

(i) Offers from HUBZone small business concerns that have not waived the evaluation preference;

(ii) Otherwise successful offers from small business concerns;

(iii) Otherwise successful offers of eligible products under the Trade Agreements Act when the dollar threshold for application of the Act is exceeded (see 25.402 of the Federal Acquisition Regulation (FAR)); and

(iv) Otherwise successful offers where application of the factor would be inconsistent with a Memorandum of Understanding or other international agreement with a foreign government.

(2) The factor of 10 percent shall be applied on a line item basis or to any group of items on which award may be made. Other evaluation factors described in the solicitation shall be applied before application of the factor.

(3) A concern that is both a HUBZone small business concern and a small disadvantaged business concern will receive the benefit of both the HUBZone small business price evaluation preference and the small disadvantaged business price evaluation adjustment (see FAR clause 52.219-23). Each applicable price evaluation preference or adjustment shall be calculated independently against an offeror's base offer. These individual preference amounts shall be added together to arrive at the total evaluated price for that offer.

(c) **WAIVER OF EVALUATION PREFERENCE.** A HUBZone small business concern may elect to waive the evaluation preference, in which case the factor will be added to its offer for evaluation purposes. The agreements in paragraph (d) of this clause do not apply if the offeror has waived the evaluation preference.

[] Offer elects to waive the evaluation preference.

(d) **AGREEMENT.** A HUBZone small business concern agrees that in the performance of the contract, in the case of a contract for--

(1) Services (except construction), at least 50 percent of the cost of personnel for contract performance will be spent for employees of the concern or employees of other HUBZone small business concerns;

(2) Supplies (other than procurement from a nonmanufacturer of such supplies), at least 50 percent of the cost of manufacturing, excluding the cost of materials, will be performed by the concern or other HUBZone small business concerns;

(3) General construction, at least 15 percent of the cost of the contract performance incurred for personnel will be spent on the concern's employees or the employees of other HUBZone small business concerns; or

(4) Construction by special trade contractors, at least 25 percent of the cost of the contract performance incurred for personnel will be spent on the concern's employees or the employees of other HUBZone small business concerns.

(e) A HUBZone joint venture agrees that in the performance of the contract, the applicable percentage specified in paragraph (d) of this clause will be performed by the HUBZone small business participant or participants;

(f) A HUBZone small business concern nonmanufacturer agrees to furnish in performing this contract only end items manufactured or produced by HUBZone small business manufacturer concerns. This paragraph does not apply in connection with construction or service contracts.

(FAR 52.219-4)

SECTION J

OFFEROR SUBMISSION PACKAGE

ATTACHMENT 1

SF 1449 SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS

ATTACHMENT 2

DESC FORM 1890 - CONTRACTOR BULK LIQUID FACILITIES REPORT

ATTACHMENT 3

SMALL BUSINESS SUBCONTRACTING PLAN

ATTACHMENT 4

**STANDARDIZED FORMAT FOR USE IN THE PREPARATION OF
PRODUCT TEST REPORTS**

ATTACHMENT 5

SECTION K

K1.01-7 OFFEROR REPRESENTATIONS AND CERTIFICATIONS - COMMERCIAL ITEMS (CONT'D)
(DESC FEB 1999)

SMALL BUSINESS CONCERN REPRESENTATION - OFFEROR'S MANUFACTURING SOURCE.

(a) The representation in (c) below concerning the offeror's manufacturing source applies to Small Business Set-Aside (SBSA) line items, Small Disadvantaged Business Price Evaluation Adjustment (SDB PEA) line items, and HUBZone Small Business (HSB) line items only.

(1) To be eligible for either the SBSA or SDB PEA, the representation in (c)(1) below must state that all end items will be manufactured or produced by a small business concern in the United States, its territories and possessions, Puerto Rico, or the Trust Territory of the Pacific Islands.

(2) To be eligible for the HSB preference, the representation in (c)(2) below must state that all end items will be manufactured or produced by a HUBZone small business concern in the United States, its territories and possessions, Puerto Rico, or the Trust Territory of the Pacific Islands.

(b) Failure to complete (c) below and failure to submit same with the offer may render the offer ineligible for award in any of these programs.

(c) (1) **SBSA/SDB PEA REPRESENTATION.** The small business concern represents as part of its offer that--

☐ all

☐ not all

end items to be furnished will be manufactured or produced by a small business concern in the United States, its territories or possessions, Puerto Rico, or the Trust Territory of the Pacific Islands.

(2) **HSB REPRESENTATIONS.** The small business concern represents as part of its offer that—

☐ all

☐ not all

end items to be furnished will be manufactured or produced by a HUBZone small business concern in the United States, its territories or possessions, Puerto Rico, or the Trust Territory of the Pacific Islands.

(DESC 52.212-9F35)

K1.01-10 OFFEROR REPRESENTATIONS AND CERTIFICATIONS - COMMERCIAL ITEMS (ALTS I/III)
(OCT 1999/OCT 1998/JAN 1999)

(a) **DEFINITIONS.** As used in this provision--

(1) **Emerging small business** means a small business concern whose size is no greater than 50 percent of the numerical size standard for the standard industrial classification code designated.

(2) **Small business concern** means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR Part 121 and size standards in this solicitation.

(3) **Women-owned small business concern** means a small business concern--

(i) Which is at least 51 percent owned by one or more women or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and

(ii) Whose management and daily business operations are controlled by one or more women.

(4) **Women-owned business concern** means a concern which is at least 51 percent owned by one or more women; or in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and whose management and daily business operations are controlled by one or more women.

(b) **TAXPAYER IDENTIFICATION NUMBER (TIN) (26 U.S.C. 6050M).** (Not applicable if the offeror is required to provide this information to a central contractor registration database to be eligible for award.)

(1) All offerors must submit the information required in paragraphs (b)(3) through (b)(5) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M, and implementing regulations issued by the Internal Revenue Service (IRS).

(2) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 U.S.C. 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

(3) **TAXPAYER IDENTIFICATION NUMBER (TIN).**

☐ TIN: _____

☐ TIN has been applied for.

☐ TIN is not required because:

☐ Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the U.S. and does not have an office or place of business or a fiscal paying agent in the U.S.

☐ Offeror is an agency or instrumentality of a foreign government;

☐ Offeror is an agency or instrumentality of a Federal, state, or local government;

☐ Other. State basis. _____

(4) **TYPE OF ORGANIZATION.**

☐ Sole proprietorship;

☐ Partnership;

☐ Corporate entity (not tax-exempt);

☐ Corporate entity (tax-exempt);

☐ Government entity (Federal, State, or local);

☐ Foreign government;

☐ International organization per 26 CFR 1.6049-4;

☐ Other: _____.

(5) **COMMON PARENT.**

☐ Offeror is not owned or controlled by a common parent.

☐ Name and TIN of common parent:

Name _____

TIN _____

K1.01.10 (CONT'D)

(c) Offerors must complete the following representations when the resulting contract is to be performed inside the United States, its territories or possessions, Puerto Rico, the Trust Territory of the Pacific Islands, or the District of Columbia. Check all that apply.

(1) **SMALL BUSINESS CONCERN.** The offeror represents as part of its offer that it--

☐ is
☐ is not

a small business concern.

(2) **SMALL DISADVANTAGED BUSINESS CONCERN. (Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.)** The offeror represents, for general statistical purposes, that it--

☐ is
☐ is not

a small disadvantaged business concern as defined in 13 CFR 124.1002.

(3) **WOMEN-OWNED SMALL BUSINESS CONCERN. (Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.)** The offeror represents that it--

☐ is
☐ is not

a women-owned small business concern.

NOTE: Complete paragraphs (c)(4) and (c)(5) only if this solicitation is expected to exceed the simplified acquisition threshold.

(4) **WOMEN-OWNED BUSINESS CONCERN (OTHER THAN SMALL BUSINESS CONCERN). (Complete only if the offeror is a women-owned business concern and did not represent itself as a small business concern in paragraph (c)(1) of this provision.)** The offeror represents that it -

☐ is

a woman owned business concern.

(5) **TIE BID PRIORITY FOR LABOR SURPLUS AREA CONCERNS.** If this is an invitation for bid, small business offerors may identify the labor surplus areas in which costs to be incurred on account of manufacturing or production (by offeror or first-tier subcontractors) amount to more than 50 percent of the contract price.

(6) **SMALL BUSINESS SIZE FOR THE SMALL BUSINESS COMPETITIVENESS DEMONSTRATION PROGRAM AND FOR THE TARGETED INDUSTRY CATEGORIES UNDER THE SMALL BUSINESS COMPETITIVENESS DEMONSTRATION PROGRAM.** (Complete only if the offeror has represented itself to be a small business concern under the size standards for this solicitation.)

(i) **(Complete only for solicitations indicated in an addendum as being set-aside for emerging small businesses in one of the four designated industry groups (DIGs)).** The offeror represents as part of its offer that it--

☐ is
☐ is not

an emerging small business.

K1.01.10 (CONT'D)

(ii) **(Complete only for solicitations indicated in an addendum as being for one of the targeted industry categories (TICs) or four designated industry groups (DIGs)).** The offeror represents as follows:

(A) The offeror's number of employees for the past 12 months (check the Employees column if size standard stated in the solicitation is expressed in terms of number of employees); or

(B) The offeror's average annual gross revenue for the last 3 fiscal years (check the Average Annual Gross Number of Revenues column if size standard stated in the solicitation is expressed in terms of annual receipts).

(Check one of the following:)

<u>NUMBER of EMPLOYEES</u>	<u>AVERAGE ANNUAL GROSS REVENUES</u>
<input type="checkbox"/> 50 or fewer	<input type="checkbox"/> \$1 million or less
<input type="checkbox"/> 51 - 100	<input type="checkbox"/> \$1,000,001 - \$2 million
<input type="checkbox"/> 101 - 250	<input type="checkbox"/> \$2,000,001 - \$3.5 million
<input type="checkbox"/> 251 - 500	<input type="checkbox"/> \$3,500,001 - \$5 million
<input type="checkbox"/> 501 - 750	<input type="checkbox"/> \$5,000,001 - \$10 million
<input type="checkbox"/> 751 - 1,000	<input type="checkbox"/> \$10,000,001 - \$17 million
<input type="checkbox"/> Over 1,000	<input type="checkbox"/> Over \$17 million

(7) (Complete only if the solicitation contains the clause at FAR 52.219-23, NOTICE OF PRICE EVALUATION ADJUSTMENT FOR SMALL DISADVANTAGED BUSINESS CONCERNS, or FAR 52.219-25, SMALL DISADVANTAGED BUSINESS PARTICIPATION PROGRAM - DISADVANTAGED STATUS AND REPORTING, and the offeror desires a benefit based on its disadvantaged status.)

(i) **GENERAL.** The offeror represents that either--

(A) It--

- ☐ is
☐ is not

certified by the Small Business Administration as a small disadvantaged business concern and identified, on the date of this representation, as a certified small disadvantaged business concern in the database maintained by the Small Business Administration (PRO-Net), and that no material change in disadvantaged ownership and control has occurred since its certification, and, where the concern is owned by one or more individuals claiming disadvantaged status, the net worth of each individual upon whom the certification is based does not exceed \$750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); or

(B) It--

- ☐ has
☐ has not

submitted a completed application to the Small Business Administration or a Private Certifier to be certified as a small disadvantaged business concern in accordance with 13 CFR 124, Subpart B, and a decision on that application is pending, and that no material change in disadvantaged ownership and control has occurred since its application was submitted.

(ii) **JOINT VENTURE UNDER THE PRICE EVALUATION ADJUSTMENT FOR SMALL DISADVANTAGED BUSINESS CONCERNS.** The offeror represents, as part of its offer, that it is a joint venture that complies with the requirements in 13 CFR 124.1002(f) and that the representation in paragraph (c)(7)(i) of this provision is accurate for the small disadvantaged business concern that is participating in the joint venture. The offeror shall enter the name of the small disadvantaged business concern that is participating in the joint venture:

_____.

K1.01.10 (CONT'D)

(8) **(Complete if the offeror represented itself as disadvantaged in paragraph (c)(2) of this provision.)** The offeror shall check the category in which its ownership falls:

- ☐ Black American
- ☐ Hispanic American
- ☐ Native American (American Indians, Eskimos, Aleuts, or Native Hawaiians).
- ☐ Asian Pacific American (persons with origin from Burma, Thailand, Malaysia, Indonesia, Singapore, Brunei, Japan, China, Taiwan, Laos, Cambodia (Kampuchea), Vietnam, Korea, The Philippines, U.S. Trust Territory of the Pacific Islands (Republic of Palau), Republic of the Marshall Islands, Federated States of Micronesia, the Commonwealth of the Northern Mariana Islands, Guam, Samoa, Macao, Hong Kong, Fiji, Tonga, Kiribati, Tuvalu, or Nauru).
- ☐ Subcontinent Asian (Asian-Indian) American (persons with origins from India, Pakistan, Bangladesh, Sri Lanka, Bhutan, the Maldives Islands, or Nepal).
- ☐ Individual/concern, other than one of the preceding.

(9) **HUBZONE SMALL BUSINESS CONCERN. (Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.)** The offeror represents as part of its offer that--

(i) It--

- ☐ is
- ☐ is not

a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns Maintained by the Small Business Administration, and no material change in ownership and control, principal place of ownership, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR Part 126; and

(ii) It--

- ☐ is
- ☐ is not

a joint venture that complied with the requirements of 13 CFR Part 126, and the representation in paragraph (c)(9)(i) of this provision is accurate for the HUBZone small business concern or concerns that are participating on the joint venture. (The offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in the joint venture:

_____.)

Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.

K1.01.10 (CONT'D)

11246. (d) CERTIFICATIONS AND REPRESENTATIONS REQUIRED TO IMPLEMENT PROVISIONS OF EXECUTIVE ORDER

(1) PREVIOUS CONTRACTS AND COMPLIANCE. The offeror represents that--

(i) It--

☐ has

☐ has not

participated in a previous contract or subcontract subject to the EQUAL OPPORTUNITY clause of this solicitation; and

(ii) It--

☐ has

☐ has not

filed all required compliance reports.

(2) AFFIRMATIVE ACTION COMPLIANCE. The offeror represents that--

(i) It--

☐ has developed and has on file

☐ has not developed and does not have on file

at each establishment, affirmative action programs required by rules and regulations of the Secretary of Labor (41 CFR Subparts 60-1 and 60-2), or

(ii) It--

☐ has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor.

(e) CERTIFICATION REGARDING PAYMENTS TO INFLUENCE FEDERAL TRANSACTIONS (31 U.S.C. 1352). (Applies only if the contract is expected to exceed \$100,000). By submission of its offer, the offeror certifies to the best of its knowledge and belief that no Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress or an employee of a Member of Congress on his or her behalf in connection with the award of any resultant contract.

(f) BUY AMERICAN ACT - TRADE AGREEMENTS - BALANCE OF PAYMENTS PROGRAM CERTIFICATE. (Applies only if DFARS clause 252.225-7007, TRADE AGREEMENTS ACT, is incorporated by reference in this solicitation.)

(1) The offeror certifies that--

(i) Each end product, except the end products listed in subparagraph (2) below, is a domestic end product (as defined in the BUY AMERICAN ACT AND BALANCE OF PAYMENTS PROGRAM clause of this solicitation); and

(ii) Components of unknown origin are considered to have been mined, produced, or manufactured outside the United States or a qualifying country.

(2) The offeror must identify and certify all end products that are not domestic end products.

(i) The offeror certifies that the following supplies qualify as "U.S.-made end products" but do not meet the definition of "domestic end product":

(Insert line item no.)

K1.01.10 (CONT'D)

(ii) The offeror certifies that the following supplies are qualifying country end products:

(Insert line item no.)

(Insert country of origin)

(iii) The offeror certifies that the following supplies are qualify as designated country end products:

(Insert line item no.)

(Insert country of origin)

(iv) The offeror certifies that the following supplies qualify as Caribbean Basin country end products:

(Insert line item no.)

(Insert country of origin)

(v) The offeror certifies that the following supplies qualify as NAFTA country end products:

(Insert line item no.)

(Insert country of origin)

(vi) The offeror certifies that the following supplies are other nondesignated country end products:

(Insert line item no.)

(Insert country of origin)

(LIST AS NECESSARY)

(3) Offers will be evaluated by giving preference to U.S.-made end products, qualifying country end products, designated country end products, NAFTA country end products, and Caribbean Basin country end products over other end products.

(g) **BUY AMERICAN ACT - NORTH AMERICAN FREE TRADE AGREEMENT (NAFTA) IMPLEMENTATION ACT - BALANCE OF PAYMENTS PROGRAM CERTIFICATE. (Applies only if DFARS clause 252.225-7036, NORTH AMERICAN FREE TRADE AGREEMENT (NAFTA) IMPLEMENTATION ACT, clause is incorporated by reference in this solicitation.)**

(1) The offeror certifies that--

(i) Each end product, except the end products listed in subparagraph (2) below, is a domestic end product (as defined in the BUY AMERICAN ACT AND BALANCE OF PAYMENTS PROGRAM clause of this solicitation); and

(ii) Components of unknown origin are considered to have been mined, produced, or manufactured outside the United States or a qualifying country.

(2) The offeror must identify and certify all end products that are not domestic end products.

(i) The offeror certifies that the following supplies qualify as "U.S.-made end products," but do not meet the definition of "domestic end products":

(Insert line item number)

(ii) The offeror certifies that the following supplies are qualifying country (except Canada) end products:

(Insert line item number)

(Insert country of origin)

K1.01.10 (CONT'D)

(iii) The offeror certifies that the following supplies qualify as NAFTA country end products:

(Insert line item number)

(Insert country of origin)

(iv) The offeror certifies that the following supplies are other non-NAFTA country end products:

(Insert line item number)

(Insert country of origin)

(LIST AS NECESSARY)

(3) Offers will be evaluated by giving preference to U.S.-made end products, qualifying country end products, or NAFTA country end products over other end products.

(h) CERTIFICATION REGARDING DEBARMENT, SUSPENSION OR INELIGIBILITY FOR AWARD (EXECUTIVE ORDER 12549).

The offeror certifies, to the best of its knowledge and belief, that--

(1) The offeror and/or any of its principals

- ☐ are
☐ are not

presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency, and

(2) ☐ Have or
☐ Have not,

within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a Federal, state or local government contract or subcontract ; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, or receiving stolen property; and

- ☐ are or
☐ are not

presently indicted for, or otherwise criminally or civilly charged by a Government entity with, commission of any of these offenses.

(FAR 52.212-3/Alts I/III)

K1.05 OFFEROR REPRESENTATIONS AND CERTIFICATIONS - COMMERCIAL ITEMS (NOV 1995)

(a) **DEFINITIONS.** As used in this clause--

(1) **Foreign person** means any person other than a United States person as defined in Section 16(2) of the Export Administration Act of 1979 (50 U.S.C. App. Sec 2415).

(2) **United States person** is defined in Section 16(2) of the Export Administration Act of 1979 and means any United States resident or national (other than an individual resident outside the United States and employed by other than a United States person), any domestic concern (including any permanent domestic establishment of any foreign concern), and any foreign subsidiary or affiliate (including any permanent foreign establishment) of any domestic concern that is controlled in fact by such domestic concern, as determined under regulations of the President.

(b) **CERTIFICATION.** By submitting this offer, the offeror, if a foreign person, company, or entity, certifies that it--

(1) Does not comply with the Secondary Arab Boycott of Israel; and

(2) Is not taking or knowingly agreeing to take any action, with respect to the Secondary Boycott of Israel by Arab countries, which 50 U.S.C. App. Sec 2407(a) prohibits a United States person from taking.

(DFARS 252.212-7000)

K5 USE OF ELECTRONIC DATA INTERCHANGE (DESC MAY 1994)

(a) **DEFINITIONS.**

(1) **Electronic Data Interchange** (EDI) means the computer-to-computer exchange of business documents between trading partners using a public standard format.

(2) **American National Standards Institute** (ANSI) means the agency that formulates the guidelines for the standards used in EDI transactions. X12 is the ANSI subcommittee responsible for the development and maintenance of guidelines for use in exchanging standard business transactions electronically.

(3) **Trading partner** means any business customer engaging in an EDI program.

(4) **Trading Partner Agreement** (TPA) means the legal document wherein the trading partners agree to the electronic exchange of documents.

(5) **Value Added Network** (VAN) means the electronic mailbox through which EDI partners exchange business transactions.

(b) The Defense Energy Support Center (DESC) may utilize EDI for certain documents in contracts awarded under this solicitation. DESC has implemented a system using the (ANSI) X12 standards, as applicable, for EDI. When EDI procedures are to be used, DESC and the Contractor will enter into a TPA.

(c) ☐ A check in this block indicates that the Contractor has already entered into a TPA with DESC.

(d) Upon submission of the following data, DESC will forward a TPA to the Contractor for execution:

(1) Company Name: _____

(2) Point of Contact for EDI: _____

(3) POC's Telephone Number: _____

(4) POC's Address: _____

(5) VAN Service Provider(s): _____

(6) Provide information for the following fields:

ISA07 Company Qualifier _____

ISA08 Company Value _____

GS03 Company Value _____

K5 (CONT'D)

(7) Please identify:

Element Separator: _____

Subelement Separator: _____

Segment Terminator: _____

(e) By execution of the TPA, the Contractor agrees to be bound by the terms and conditions of the agreement governing any transactions with the Government through EDI, in addition to the terms and conditions of the contract. TPAs will be contract independent. Only one will be signed between the Contractor and DESC. As contracts are awarded, the TPA will be incorporated into the specific contracts upon the mutual agreement of the Contractor and DESC.

(f) When a TPA is executed--

(1) The TPA shall identify, among other things, the VAN(s) through which electronic transmissions are made, the Transaction Sets available, security procedures, and guidelines for implementation.

(2) The Contractor shall be responsible for providing its own computer hardware, computer software, and VAN connections necessary to transmit and receive data electronically under the framework of the TPA.

(3) Transaction Sets will be unique to each contract and will be incorporated into contracts as agreed to by the parties.

(4) Nothing in the TPA will invalidate any part of the contract between the Contractor and DESC.

(5) All terms and conditions that would otherwise be applicable to a paper document shall apply to the electronic document.
(DESC 52.232-9F30)

K28 REFINERY INFORMATION (BULK) (DESC JUN 1986)

Offerors are required to submit the following information on each item offered. Dealers should indicate the producing company and manufacturing point of the product on which they are offering. All such information shall be received by the Defense Energy Support Center at time of initial offer.

COMPLETE ADDRESS (INCLUDING NAME OF REFINERY/SHIPPING POINT, STREET ADDRESS, CITY, COUNTY, STATE AND ZIP CODE, TELEPHONE NO., AND NO. OF EMPLOYEES AT EACH SHIPPING POINT):

(DESC 52.208-9F05)

K28.01 NOTIFICATION OF VESSEL EXPECTED TIME OF ARRIVAL (ETA) (DESC MAR 1992) (REV)

As required by the TANKER DEMURRAGE AND LOADING CONDITIONS clause and/or the BARGE DEMURRAGE AND LOADING CONDITIONS clause, when Government vessel loadings are involved, offerors shall submit the following information for each port offered:

PORT: _____

NOTIFICATION TELEX NUMBER: _____

(DESC 52.247-9F95)

K33.01 AUTHORIZED NEGOTIATORS (DESC JAN 1998)

The first page of the offer must show names, titles, and telephone and facsimile numbers (and electronic addresses if available) of persons authorized to negotiate with the Government on the offeror's behalf in connection with this solicitation. The offeror or quoter represents that the following persons are authorized to negotiate on its behalf with the Government in connection with this request for proposals or quotations.

(DESC 52.215-9F28)

K45.01 FACSIMILE OR ELECTRONIC INVOICING (DESC JAN 1998)

(a) FACSIMILE INVOICING.

- (1) Submission of invoices by facsimile (FAX) is authorized when the offeror will utilize this method of invoicing at all times.
- (2) Offeror shall indicate whether or not he intends to submit invoices via FAX:

[] YES [] NO

- (3) See the SUBMISSION OF INVOICES FOR PAYMENT clause for FAX invoicing procedures.

(4) RETURN OF INVOICES BY THE PAYING OFFICE.

- (i) Invoices deemed improper in accordance with the Prompt Payment Act may be returned to the offeror via FAX with the reason for return.
- (ii) The offeror's FAX number for returning improper invoices is--

(For overseas locations, include the country code)

(b) ELECTRONIC INVOICING (EDI)

- (1) Electronic submission of invoices via Electronic Data Interchange (EDI) for all applicable items (as defined in the SUBMISSION OF INVOICES FOR PAYMENT clause) is authorized when the offeror will utilize this method of invoicing at all times for those affected items.

- (2) The offeror shall indicate whether it intends to submit electronic invoices via EDI.

[] YES [] NO

- (3) See the SUBMISSION OF INVOICES FOR PAYMENT for electronic invoicing procedures.

(DESC 52.232-9F20)

K85 DISCLOSURE OF OWNERSHIP OR CONTROL BY THE GOVERNMENT OF A TERRORIST COUNTRY (MAR 1998)

(a) **DEFINITIONS.** As used in this provision--

(1) **Government of a terrorist country** includes the state and the government of a terrorist country, as well as any political subdivision, agency, or instrumentality thereof.

(2) **Terrorist country** means a country determined by the Secretary of State, under Section 6(j)(1)(A) of the Export Administration Act of 1979 (50 U.S.C. App. 2405(j)(i)(A)), to be a country the government of which has repeatedly provided support for acts of international terrorism. As of the date of this provision, terrorist countries include Cuba, Iran, Iraq, Libya, North Korea, Sudan, and Syria.

(3) **Significant interest**, as used in this provision means--

(i) Ownership of or beneficial interest in 5 percent or more of the firm's or subsidiary's securities. Beneficial interest includes holding 5 percent or more of any class of the firm's securities in "nominee shares," "street names," or some other method of holding securities that does not disclose the beneficial owner;

(ii) Holding a management position in the firm, such as director or officer;

(iii) Ability to control or influence the election, appointment, or tenure of directors or officers in the firm;

(iv) Ownership of 10 percent or more of the assets of a firm such as equipment, buildings, real estate, or other tangible assets of the firm; or

(v) Holding 50 percent or more of the indebtedness of a firm.

(b) **PROHIBITION ON AWARD.** In accordance with 10 U.S.C. 2327, no contract may be awarded to a firm or subsidiary of a firm if the government of a terrorist country has a significant interest in the firm or subsidiary or, in the case of a subsidiary, the firm that owns the subsidiary, unless a waiver is granted by the Secretary of Defense.

(c) **DISCLOSURE.**

If the government of a terrorist country has a significant interest in the offeror or a subsidiary of the offeror, the offeror shall disclose such interest in an attachment to its offer. If the offeror is a subsidiary, it shall also disclose any significant interest each government has in any firm that owns or controls the subsidiary. The disclosure shall include--

(1) Identification of each government holding a significant interest; and

(2) A description of the significant interest held by each Government.

(DFARS 252.209-7001)

SECTION L

L65.10 REQUIREMENTS FOR COST OR PRICING DATA AND CLAIM FOR EXEMPTION (DESC MAR 1997)

(a) **EXCEPTIONS FROM COST OR PRICING DATA.** In lieu of submitting cost or pricing data, offerors may submit a written request for exception by submitting the market (commercial sales) data information described in the following subparagraphs. It is incumbent upon the offeror to provide sufficient commercial sales data to demonstrate that an exemption exists and should be granted by the Contracting Officer. The Contracting Officer may require additional supporting information, but only to the extent necessary to determine whether an exception should be granted, and whether the price is fair and reasonable.

(b) **REQUIREMENTS FOR COST OR PRICING DATA.**

(1) If the offeror is not granted an exception from the requirement to submit cost or pricing data, the following applies:

(i) The offeror shall submit cost or pricing data on Standard Form (SF) 1411, Contract Pricing Proposal Cover Sheet (Cost or Pricing Data Required), with supporting attachments prepared in accordance with Table 15-2 of FAR 15.804-6(b)(2).

(ii) As soon as practicable after agreement on price, but before contract award (except for unpriced actions such as letter contracts), the offeror shall submit a Certificate of Current Cost or Pricing Data, as prescribed by FAR 15.804-4.

(iii) By submitting information to qualify for an exception, an offeror is not representing that this is the only exception that may apply.

(c) **COMMERCIAL SALES DATA.**

(1) Commercial sales are defined as sales to the general public as distinct from sales to the Federal Government. Commercial sales data submissions should not be restricted to industrial and commercial accounts but should include wholesale classes (bulk, resellers, jobbers, and dealers) and retail and bulk sales to airlines. The following commercial sales data, as a minimum, are required:

(i) By refinery and class of customer, total gallons sold to the general public, the weighted average price, and payment terms (e.g., Net 30 days) for this volume for the period of **AUG 7-11, 2000**.

(ii) The price, payment terms, quantity, and date of the lowest price commercial sale for the period of **AUG 7-11, 2000**.

(iii) The weighted average price, payment terms, and total sales volumes per customer for the three largest commercial customers for the period of **AUG 7-11, 2000**.

(2) Commercial sales data should be submitted on an f.o.b. Refinery or Terminal basis for each refined product offered.

(3) Acceptable commercial sales data for the refined products being procured are set forth below.

(4) If the offeror believes its sales quantities and/or prices for the specified period were not representative during that period, it is additionally requested that the offeror provide the indicated sales data for the weekly periods preceding and following the period specified herein and an explanation of the reason for believing the requested information is not representative.

(5) For each military product offered (left column), sales data for commercial products (right column) are requested.

Military Product Offered

Commercial Product/Class of trade

(Fill-in options to be selected by buyer at time of solicitation are as follows:)

JP4

Regular gasoline sales to wholesale/jobber/bulk accounts AND unleaded gasoline sales to wholesale/jobber/bulk accounts, AND Jet A and/or Jet A-1 sales to airlines. If substantial Jet A and/or Jet A1 sales are not made, submit middle distillate (No. 1 FO, No. 2 FO, DF1, DF2 and Kerosene) sales to wholesale/jobber/bulk accounts.

F76

High Sulfur No. 2 FO, DF2, marine gas oil, and F76 sales to wholesale/jobber/bulk accounts.

JP5/JP8

Jet A and/or Jet A1 sales to airlines.

(6) DESC may use the commercial sales data to develop a market price range for the refined products being procured. Commercial sales data submitted will be held confidential if so requested. Commercial sales data should be submitted directly to the Contracting Officer prior to the closing date of this solicitation.

(d) Following is a sample format which the offeror may use to submit commercial sales data. If this format is not suitable, the offeror's own format may be submitted. Alternatively, the EIA 782A, which shows monthly information, is an acceptable format.

L65.10 (CONT'D)

DESC COMMERCIAL SALES DATA FORM

FOR THE PERIOD OF AUG 7-11, 2000

COMPANY NAME: _____

COMMERCIAL SALES DATA: THE COMMERCIAL SALES DATA ENTERED BELOW SHOULD REPRESENT SALES ON AN F.O.B. REFINERY OR TERMINAL BASIS TO WHOLESALE CUSTOMERS AND RETAIL SALES TO AIRLINES EXCLUSIVE OF SALES TO THE GOVERNMENT.

COMMERCIAL PRODUCT: _____

REFINERY OR TERMINAL WHERE COMMERCIAL SALES OCCURRED: _____

CLASS OF CUSTOMER (WHOLESALE, JOBBER, BULK, ETC.): _____

TOTAL PERIOD COMMERCIAL SALES VOLUMES: _____ (GALLONS),
 WEIGHTED AVERAGE PRICE FOR THIS VOLUME: _____ (PER GALLON),
 AND PAYMENT TERMS _____.

INDICATE PRICE, PAYMENT TERMS, QUANTITY, AND DATE OF THE LOWEST PRICE COMMERCIAL SALE FOR THE PERIOD SPECIFIED ABOVE.

PER GALLON: _____ PAYMENT TERMS: _____

GALLONS: _____ DATE OF SALE: _____

LOW PRICE _____ QUANTITY _____

LIST TOTAL MONTHLY SALES TO THE THREE LARGEST VOLUME COMMERCIAL CUSTOMERS AND PAYMENT TERMS FOR THE PERIOD SPECIFIED ABOVE.

CUSTOMER	WEIGHTED AVG PRICE PER GALLON	PAYMENT TERMS	TOTAL QUANTITY (GALLONS)
LARGEST	_____	_____	_____
2ND LARGEST	_____	_____	_____
3RD LARGEST	_____	_____	_____

NOTE: THE COMMERCIAL SALES DATA ON REFINED PRODUCT PRICES AND SALES VOLUME ARE NEEDED FOR EACH COMMERCIAL PRODUCT F.O.B. REFINERY OR TERMINAL WHICH SERVES AS THE BASIS FOR THE OFFEROR'S CLAIM FOR EXEMPTION. THIS FORM MAY BE DUPLICATED AS MANY TIMES AS IS NECESSARY TO ACCOMMODATE THE VARIOUS REFINED PRODUCTS AND POINTS OF COMMERCIAL SALE BEING REPORTED.

(DESC 52.215-9FD5)

CONTRACTOR BULK LIQUID FACILITIES REPORT										AS OF DATE				FORM APPROVED OMB TO 119-R0026					
NAME OF FIRM								TERMINAL NAME, ADDRESS AND ZIP CODE											
NEAREST CITY OR TOWN AND STATE				DISTANCE				DIRECTION				ROUTE NUMBER				TERMINAL PHONE NO.			
TERMINAL TRAFFIC MANAGER				HOME PHONE NO.				ASST. TERMINAL TRAFFIC MANAGER				HOME PHONE NO.							
RAILHEAD								TRUCK SHIPPING POINT											
RAILROAD(S) SERVING TERMINAL								BARGE AND TANKER SHIPPING POINT											
NAME OF PIPELINE SERVING TERMINAL						LINE SIZE				NORMAL WORK DAYS				NORMAL WORK HOURS					
BULK PRODUCTS SHIPPING CAPABILITY																			
GRADE (Insert Bulk Product Handled) ----->																			
CATEGORY		SHIP		NO. OF LOADING SPOTS		SHIP		NO. OF LOADING SPOTS		SHIP		NO. OF LOADING SPOTS		SHIP		NO. OF LOADING SPOTS			
		YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO		
TANK CARS	10,000																		
	20,000																		
TANK TRUCK																			
BARGE																			
TANKER																			
PIPELINE																			
MAXIMUM NUMBER OF TANK TRUCKS THAT CAN BE LOADED																			
CATEGORY		8 HRS	16 HRS	24 HRS	8 HRS	16 HRS	24 HRS	8 HRS	16 HRS	24 HRS	8 HRS	16 HRS	24 HRS	8 HRS	16 HRS	24 HRS			
TANK CARS	10,000																		
	20,000																		
TANK TRUCK																			
MAXIMUM SHIPPING RATES IN BARRELS PER HOUR																			
BARGE																			
TANKER																			
PIPELINE																			
IS RECIPROCAL SWITCHING IN EFFECT?		YES	NO. OF SWITCHES				TIME OF DAY SWITCHING IS PERFORMED						ARE SWITCHES PERFORMED BY THE RAILROAD ADEQUATE TO MEET YOUR NEEDS?				YES		
		NO															NO		
HOW MANY TANK CARS CAN BE ACCOMMODATED ON TRACK AGE OTHER THAN THOSE IN POSITION FOR LOADING?								10,000 GALLON TANK CARS				20,000 GALLON TANK CARS							
WHERE BOTH TT AND TC FACILITIES AVAILABLE, STATE ANY LIMITATION FOR SHIPPING BY ONE OR BOTH MODES																			
MAXIMUM BARGE SIZE YOUR FACILITY CAN HANDLE									MAXIMUM TANKER SIZE YOUR FACILITY CAN HANDLE										
CARGO CAPACITY:						DRAFT:			CARGO CAPACITY:						DRAFT:				
LENGTH:						BEAM:			LENGTH:						BEAM:				
CAN YOU LOAD BY ALL MODES SIMULTANEOUSLY?									IF "NO" STATE WHAT MODES CAN BE LOADED SIMULTANEOUSLY										
<input type="checkbox"/> YES <input type="checkbox"/> NO																			
FURTHER INFORMATION THAT CAN BE FURNISHED TO ASSIST IN ROUTING (Continue on reverse side if necessary)																			
TYPED NAME OF TERMINAL MANAGER						TELEPHONE NO.			SIGNATURE						DATE				

TANKER/BARGE FACILITY RESTRICTIONS
Specify any other port restrictions that would apply to a vessel loading at the facility (i.e., height restrictions from vessel waterline to vessel manifold; vessel deadweight tonnage (DWT); requirements for inert gas systems (IGS), vapor control hook-ups, closed loading and vessel inspections; etc.)
Specify operating hours for berthing and loading
Specify maximum ballast receiving capability. (See Claus F52.11)

SMALL BUSINESS SUBCONTRACTING PLAN

OFFEROR:

Solicitation No.: **SP0600-**_____

NOTE: If a plant or division-wide Master Plan is being Incorporated by reference, place 'X' in box and Complete Part I (A thru I) and Part IV only. ☐

Date of Plan _____

(Copy of Master Plan and evidence of approval by the Government Contract Administration Office are required.)

(* = Continue on separate sheets if necessary.)

(** = Is not applicable with commercial Plan.)

PART I SUBCONTRACTING GOALS:

- A. Total dollars planned to be subcontracted: \$ _____
- B. Total dollars planned to be subcontracted to small business concerns: \$ _____
- C. Total dollars planned to be subcontracted to HUBZone small business concerns: \$ _____
- D. Total dollars planned to be subcontracted to small disadvantaged business concerns: \$ _____
- E. Total dollars planned to be subcontracted to women-owned small business concerns: \$ _____
- F. Percentage of total subcontracting dollars for the use of small businesses: _____ %
- G. Percentage of total subcontracting dollars for the use of HUBZone small businesses: _____ %
- H. Percentage of total subcontracting dollars for the use of small disadvantaged businesses: _____ %
- I. Percentage of total subcontracting dollars for the use of women-owned small businesses: _____ %

J. Principal types of supplies and services to be subcontracted:

(Indicate types planned for subcontracting to (i) small business, (ii) HUBZone small business, (iii) small disadvantaged business concerns, and (iv) women-owned small business concerns.) (*)

K. Describe method used to develop these goals (e.g., Based on procurement history, available resources, etc.)(*)

L. Were indirect costs included in establishing these goals?

Yes ☐ No ☐

If Yes, describe the method used to determine proportionate share of indirect costs to be incurred with (1) small business concerns, (2) HUBZone small business concerns, (3) small disadvantaged business concerns, and (4) women-owned small business concerns: (*)

PART II – SUBCONTRACTING PROCEDURES:

A. Name of the individual who will administer the offeror's subcontracting program: _____
Include a brief description of this individual's duties:

B. Describe methods used to identify potential sources for solicitation purposes: (indicate with an "X" those that apply)

_____ Existing company source lists

_____ SBA Procurement Marketing & Access Network (PRO-Net)

_____ SBA list of certified Small Disadvantaged Business Concerns

_____ National Minority Purchasing Council Vendor Information Service

_____ Dept. of Commerce Research and Information Division of Minority Business Development Agency

_____ Small, HUBZone small, small disadvantaged business and women-owned small business concerns trade

associations

OTHER: _____

C. Describe methods used to assure small, HUBZone small, small disadvantaged business and women-owned small business concerns have an equitable opportunity to compete for subcontracts: (*)

SMALL BUSINESS SUBCONTRACTING PLAN (CONTINUED)

PART III – SUBCONTRACTING PLAN MANAGEMENT:

Offeror certifies that the following procedures regarding management of this Subcontracting Plan will be enacted:

(Indicate acknowledgement of compliance by annotating “X” in appropriate blocks.)

- ÿ A. Contractor will assist small, HUBZone small, small disadvantaged, and women-owned small business concerns by arranging solicitations, time for the preparation of bids, quantities, specifications, and delivery schedules so as to facilitate participation by such concerns.
- ÿ B. Where lists of potential subcontractors are excessively long, Contractor will make reasonable effort to give all small, HUBZone small, small disadvantaged, and women-owned small business concerns an opportunity to compete over a period of time.
- ÿ C. Contractor will provide adequate and timely consideration of the potentialities of small, HUBZone small, small disadvantaged, and women-owned small business concerns, in all “make or buy” decisions.
- ÿ D. Contractor will counsel and discuss subcontracting opportunities with representatives of small, HUBZone small, small disadvantaged, and women-owned small business firms.
- ÿ E. Contractor will provide notice to subcontractors concerning penalties and remedies for misrepresentation of business status as small, HUBZone small, small disadvantaged, and women-owned small business concerns, for the purpose of obtaining a subcontract that is to be included as part or all of a goal contained in this Contractor’s Subcontracting Plan.
- ÿ F. Contractor will ensure that the clause entitled “Utilization of Small Business Concerns” (Latest Revision), contained in referenced solicitation, will be included in all subcontracts that offer further subcontracting opportunities, and that all large business subcontractors receiving a subcontract in excess of \$500,000 will adopt a plan similar to this Plan.
- ÿ G. Contractor will cooperate in any studies or surveys as may be required.
- ÿ H. Contractor will submit periodic reports in order to allow the Government to determine the extent of compliance by the offeror with this Subcontracting Plan.
- ÿ I. Contractor will submit Standard Form 294, Subcontracting Report for Individual Contracts, and/or Standard Form 295, Summary Subcontract Report, in accordance with the instructions on the forms, or as provided in agency regulations.
- ÿ J. Contractor will ensure that subcontractors agree to submit Standard Forms 294 and 295, as appropriate.
- ÿ K. Contractor will maintain the following types of records to demonstrate procedures that have been adopted to comply with the requirements and goals in this Plan. The records shall include at least the following on a plant-wide or company-wide basis, unless otherwise indicated:
- ÿ 1. Source lists (e.g., PRO-Net), guides, and other data that identify small, HUBZone small, small disadvantaged, and women-owned small business concerns;
- ÿ 2. Organizations contacted in an attempt to locate sources that are small, HUBZone small, small disadvantaged, or women-owned small business concerns;
- ÿ 3. Records of each subcontract solicitation resulting in an award of more than \$100,000 – indicate:
- Whether small business concerns were solicited, and if not, why not;
 - Whether HUBZone small business concerns were solicited, and if not, why not;
 - Whether small disadvantaged business concerns were solicited, and if not, why not;
 - Whether women-owned small business concerns were solicited, and if not, why not;
 - If applicable, the reason why award was not made to a small business concern;
- ÿ 4. Records of outreach efforts to contact (a) trade associations, (b) business development organizations, and (c) conferences and trade fairs to locate small, HUBZone small, small disadvantaged, and women-owned small business sources.
- ÿ 5. Records of internal guidance and encouragement provided to buyers through (a) workshops, seminars, training, etc., and (b) monitoring performance to evaluate compliance with the program’s requirements.
- ÿ 6. On a contract-by-contract basis, supporting information for award data submitted by the Contractor to the Government, including the name, address, and business size of each subcontractor. (**)

PART IV

OFFEROR’S SIGNATURE

Typed Name and Title

Date

PART V DETERMINATION OF ADEQUACY/APPROVAL:

- ÿ Division Chief approval, if no subcontracting opportunities determined.
- ÿ Approval 2 levels above CO if SDB Goal is less than 5%.

Contracting Officer

Date

CONCURRENCE WITH DETERMINATION:
(If nonconcurrence, see attached rationale).

DESC-DU _____ Date

_____	Title/Signature	
Date		
DESC-P Form 1, Apr 99 (supersedes the May 96 version) – Previous editions are obsolete.		

STANDARDIZED FORMAT FOR USE IN THE PREPARATION OF PRODUCT TEST REPORTS

GENERAL INSTRUCTIONS

March 2000

These instructions are designed for use as a guide in preparing/formatting test reports in a consistent manner. Computer generated or typed test reports are acceptable. A Standardized Test report format is provided at Figure I and includes all tests approved for all refined products. The Test Codes used in this standard report format will be incorporated into future Electronic Data Interchange (EDI) transmissions of test result data.

The ASTM Aviation Turbine Fuel Report Form found in ASTM Method D-1655 was used as a template for the expanded “generic” standard test report form for other refined products. The codes containing an alpha character indicate alternative methods used to measure a property or characteristic. A numeric change of “1” unit indicates one or more measurements, ratings or test conditions which can be reported for a particular method. All measurements are in metric units, except for the API gravity reported at 60°F.

The use of this code provides flexibility in adding or deleting test methods while not affecting the existing methods and thus eliminates the need for additional programming. For example, an ASTM method may have an equivalent ISO or other method. If the ASTM test method number is used as a reference, the ISO equivalent may be lost unless new programming is established to make it a choice. With the code, the equivalency will continue without any additional programming. Another example is adding a new test method for Freezing Point. There are currently 3 methods (300A-C) for measuring the characteristic of freezing point. The new method would be assigned the code “300D” and would be available immediately as an alternative method for determination of freezing point while retaining the old methods without having to renumber the whole list and change associated database programming.

Each test report should be tailored to include only those rows of information that are applicable to the specific product being tested and the methods used to evaluate each property. Select only those methods authorized by the product specification unless otherwise stated in the contract. The code used should be limited to the actual test method used for a particular analysis. If an analysis is performed which is not cited by the specification, report the result, units and method used at the bottom of the report. If a test code does not appear for a specification or contract approved method, contact the Defense Energy Support Center (DESC) at commercial (703) 767-8356.

DETAILED INSTRUCTIONS FOR THE STANDARD TEST REPORT FORMAT (FIGURE 1)

Item 1: This date is the tank approval date, which is usually the date the testing is completed or the report date.

Item 2B: The City should match the “Shipped From” city on the DD 250-series document.

Item 6A: Record the basic slate of crudes from which this product is derived.

Item 6B: Annotate the refining processes used in the production of this product (e.g., Atmospheric Distillation; Hydrogenation, Hydrocracking, etc)

Item 8: Report the quantity in US Gallons shipped from the above batch in the above tank under DESC Contract. This entry need not be completed if the same batch will be used for subsequent shipments. In this case, assure that the tank number, batch number and report date are on the DD-250-series documents for shipments made from this tank

Items 600-series: The JFTOT test, although done using one ASTM test method, can be performed at different temperatures. Also, results for separate JFTOT analysis performed at two different temperatures can be reported on the same report. If test results for only one temperature is being reported, use Item 600 A-C to report the temperature of the test and 601, 602 and 603 as appropriate to report the results. If a second temperature is being reported, use Item 604 to report the temperature of this second run and Items 605-607 to report the corresponding values for the second test.

Item 750: Use this item to report the result of the Water Separometer Index - Modified (WSIM) which is performed for product acceptance.

Item 751: This code for this item describes what additives were present in the fuel sample tested for WSIM and for which the result was reported in Item 750. Each code value represents a combination of the five additives possible in jet fuel. The codes and corresponding combinations are found in Table A below.

Item 750X: This item is used to report the special hand blend of all additives which are required by the fuel specification, regardless of whether or not the additives are required by contract. These additives include anti-oxidant, corrosion inhibitor, fuel system icing inhibitor, static dissipater additive and, if permitted by contract, metal deactivator. The result for this special test is a report only and is used as a base line in determining if the time and/or place of additive injection affects fuel quality. This reporting requirement is in addition to other reporting requirements for WSIM.

Items 801, 811, 821, 831, and 841: These codes indicate when an additive was injected during the procurement process. It is a one-character field and is "S" if the additive was blended into the shipping tank, "I" if the additive was line injected, or blank if the additive was not injected at the refinery or terminal location.

Table A

<u>Code</u>	<u>Additives</u>	<u>Code</u>	<u>Additives</u>	<u>Code</u>	<u>Additives</u>	<u>Code</u>	<u>Additives</u>	<u>Code</u>	<u>Additives</u>
01	Neat	07	AO/CI	13	CI/MDA	19	AO/CI/MDA	25	FSII/SDA/MDA
02	AO	08	AO/FSII	14	FSII/SDA	20	AO/FSII/MDA	26	AO/CI/FSII/SDA
03	CI	09	AO/SDA	15	FSII/MDA	21	AO/FSII/SDA	27	AO/FSII/SDA/MDA
04	FSII	10	AO/MDA	16	MDA/SDA	22	AO/SDA/MDA	28	CI/FSII/SDA/MDA
05	SDA	11	CI/FSII	17	AO/CI/FSII	23	CI/FSII/SDA	29	AO/CI/FSII/SDA/MDA
06	MDA	12	CI/SDA	18	AO/CI/SDA	24	CI/FSII/MDA		

FIGURE I - STANDARD TEST REPORT FORMAT

1 REPORT DATE: (MM/DD/YY)_____

2A CONTRACTOR: _____

2B REFINERY CITY: _____

2C STATE/COUNTRY: _____

3A CONTRACT NUMBER: (SP0600-YY-D-NNNN)_____

3B CONTRACT LINE ITEM NUMBER: _____

3C DESC ORDER NUMBER _____

4A TANK NUMBER: _____

4B BATCH NUMBER (In Tank): _____

4C SAMPLE NUMBER: _____

5 PRODUCT: _____

6A CRUDE OIL SLATE: _____

6B CRUDE PROCESSING TECHNIQUE: _____

7 SHIPPED TO: _____

8 QUANTITY FROM TANK SHIPPED TO DESC: _____ USG

APPEARANCE

Code	Method	Test	Unit	Code	Method	Test	Unit
010A	D-156	Saybolt Color	1-Color	030A	D-1500	ASTM Color	0.5-Color
010B	D-6045	Saybolt Color (Spectro)	1-Color	030B	D-6045	ASTM Color (Spectro)	0.5-Color
020	D-4176	Visual appearance	Pass/Fail				
021	D-4176	Haze Rating	Method				

COMPOSITION

Code	Method	Test	Unit	Code	Method	Test	Unit
100A	D-664	Total Acid Number - Potent.	mg KOH/g	150E	D-3120	Trace Sulfur	ppm
100B	D-974	Acid Number - Color Titrat.	mg KOH/g	150F	D-4294	Sulfur by X-Ray Flour	mass %
100C	D-3242	Acidity in Aviation Fuels	mg KOH/g	150G	D-5453	Sulfur by UV	ppm
100D	D-3339	Acid Number, Semi-Micro	mg KOH/g	160A	D-3343	Hydrogen Content	mass %
101	IP-182	Inorganic Acid Number	mg KOH/g	160B	D-3701	Hydrogen Content - NMR	mass %
102	FTM-5101	Neutrality	Method	160C	D-4808	Hydrogen Cont LoRes NMR	mass %
110A	D-1319	Aromatics	vol%	170A	D-3237	Lead in Gasoline by AA	g/L
110B	D-4420	Aromatics by GC	vol%	170B	D-3341	Lead in Gasoline by ICl	g/L
115	D-1319	Olefins	vol%	170C	D-5059	Lead in Gasoline by X-Ray	g/L
120	D-1840	Naphthalene	vol%	180A	D-4815	Ethers and Alcohols by GC	mass %
125A	D-4420	Benzene	vol%	180B	D-5845	Ethers and Alcohols by IR	mass %
125B	D-3606	Benzene	vol%	190	D-3605	Trace Metals - Calcium	mg/L
130	D-3227	Mercaptan Sulfur	mass %	191	D-3605	Trace Metals - Lead	mg/L
135	D-3231	Phosphorous	0.1 mg/L	192	D-3605	Trace Metals - Na & K	mg/L
140	D-4952	Doctor Test	Pass/Fail	193A	D-3605	Trace Metals - Vanadium	mg/L
				193B	ISO14597	Trace Metals - Vanadium	mg/L
150A	D-129	Sulfur by Oxygen Bomb	mass %				
150B	D-1266	Sulfur by Lamp	mass %	195	D-3703	Peroxide Content	mg/kg
150C	D-1552	Sulfur - Furnace	mass %	196	ISO10478	Aluminum and Silicon	mg/kg
150D	D-2622	Sulfur by X-Ray Spec	mass %				

VOLATILITY

Code	Method	Test	Unit	Code	Method	Test	Unit
------	--------	------	------	------	--------	------	------

200A	D-86	Distillation by Auto/Manual		220A	D-56	Flash Point - Tag	°C
200B	D-2887	Distillation by GC		220B	D-93	Flash Point - P/M	°C
201		Initial Boiling Point	°C	220C	D-3828	Flash Point - Seta, Method A	°C
202		10% Recovered	°C	220D	D-3828	Flash Point - Seta, Method B	°C
203		20% Recovered	°C	220E	IP-170	Flash Point - Abel	°C
204		50% Recovered	°C	221	D-3828	Flash Point - Seta (Flash/No F)	“F” or “N”
205		85% Recovered	°C	230A	D-1298	Density @ 15°C -Hydrom	kg\L
206		90% Recovered	°C	230B	D-4052	Density @ 15°C - Digital	kg\L
207		95% Recovered	°C	231A	D-1298	API Gravity @ 60°F	°API
208		Evaporated @ 70°C	vol%	231B	D-4052	API Gravity @ 60°F	°API
209		Evaporated @ 100°C	vol%	231C	D-287	API Gravity @ 60°F	°API
210		Evaporated @ 180°C	vol%	240A	D-323	RVP	kPa
211		Final Boiling Point	°C	240B	D-4953	Vapor Press - Dry Meth	kPa
212		% Recovered	vol%	240C	D-5190	Vapor Press - Automatic	kPa
213		% Residue	vol%	240D	D-5191	Vapor Press - Mini Meth	kPa
214		% Loss	vol%	240E	D-5482	Vapor Press - Mini -Atm	kPa
215		% Residue + Loss	vol%	250A	D-2533	V/L Ratio - Buret	Unit@°C
			250B	D-5188	V/L Ratio - Evac Chamb		Unit@°C
			260	250C	D-4814	Estimated V/L Ratio	Unit@°C
				STANAG	7090 - Vapor Lock Index		

FLUIDITY

<u>Code</u>	<u>Method</u>	<u>Test</u>	<u>Unit</u>	<u>Code</u>	<u>Method</u>	<u>Test</u>	<u>Unit</u>
300A	D-2386	Freezing Point	°C	320A	D-2500	Cloud Point	°C
300B	D-5901	Freezing Point	°C	320B	D-5771	Cloud Point (Optical)	°C
300C	D-5972	Freezing Point	°C	320C	D-5772	Cloud Point (Linear Cool)	°C
				320D	D-5773	Cloud Point (Constant Cool)	°C
310	D-445	Viscosity	cSt	321A	IP-309	Cold Filter Plugging Point	°C
311	D-445	Viscosity Temperature	°C	321B	D-6371	Cold Filter Plugging Point	°C
				321C	D-6371(M)	Cold Filter Plugging Point	°C
				330	D-97	Pour Point	°C
				340	D-6079	Lubricity (Wear Scar)	0.01 mm

COMBUSTION

<u>Code</u>	<u>Method</u>	<u>Test</u>	<u>Unit</u>	<u>Code</u>	<u>Method</u>	<u>Test</u>	<u>Unit</u>
400A	D-240	Neat Heat by Bomb	MJ/kg	410	D-1740	Luminometer Number	Unit
400B	D-1405	Net Heat (Anal-Grav(°F),S)	MJ/kg	420	D-1322	Smoke Point	mm
400C	D-3338	Net Heat (Aromat,API,Dist,S)	MJ/kg	430	D-482	Ash Content	mass %
400D	D-4529	Net Heat (Dens-Anal(°C),S)	MJ/kg	440A	D-189	Conradson Carbon Res	mass %
400E	D-4809	Net Heat by Bomb -Precision	MJ/kg	440B	D-524	Ramsbottom Carbon Res	mass %
400F	D-4868	Net and Gross Heat	MJ/kg	440C	D-4530	Carbon Residue - Micro	mass %

CORROSION

<u>Code</u>	<u>Method</u>	<u>Test</u>	<u>Unit</u>	<u>Code</u>	<u>Method</u>	<u>Test</u>	<u>Unit</u>
500	D-130	Copper Strip Corrosion	Method	510	IP-227	Silver Strip Corrosion	Method

STABILITY

<u>Code</u>	<u>Method</u>	<u>Test</u>	<u>Unit</u>	<u>Code</u>	<u>Method</u>	<u>Test</u>	<u>Unit</u>
600A	D-3241	JFTOT @ 275°C		610	D-525	Oxidation Stability -Gasoline	minute
600B	D-3241	JFTOT @ 260°C					
600C	D-3241	JFTOT @ 245°C					
601	D-3241	Pressure Change	mm Hg	620A	D-2274	Accelerated Stability	mg/100mL
602	D-3241	Visual Rating	Method	620B	D-5304	Accelerated Stab - O ₂ Opres	mg/100mL
603	D-3241	Spun Rating	Method	620C	ISO10307	Tot Sed in Residual Fuels	%mass
604	D-3241	Other JFTOT Temperature	°C				
605	D-3241	Pressure Change @ Other Temp	mm Hg				
606	D-3241	Visual Rating @ Other Temp	Method				
607	D-3241	Spun Rating @ Other Temp	Method				

CONTAMINANTS

Code	Method	Test	Unit	Code	Method	Test	Unit
700	IP-225	Copper Content	ppb	760	D-4814	Phase Separation (Haze)	°C
710	D-381	Existent Gum	mg/100mL	761	D-4814	Phase Separation (Sep)	°C
711	D-381	Washed Gu m	mg/100mL	770	D-1401	Demulsification @ 25°C	minutes 720A
	D-2276	Particulate Cont	mg/L	780A	D-1796	Water & Sed	vol%
720B	D-5452	Particulate Cont	mg/L	780B	D-2709	Water & Sed	vol%
730	Annex	Filtration Time	minutes	781	D-95	Water by Distillation	vol%
				782	D-473	Sediment by Extraction	mass %
740	D-1094	Water Reaction - Interface	Method	795	SW-846	EPA Metals - As	Method 741
	D-1094	Water Reaction - Separation	Method	796	SW-846	EPA Metals - Cd	Method
742	D-1094	Water Reaction - Vol Chng	Method	797	SW-846	EPA Metals - Cr	Method
				798	SW-846	EPA Metals - Pb	Method
750	D-3948	WSIM	Method	799	SW-846	Total Halogens	Method
751		Additives Present (See Note)	(List A)				
750X	D-3948	WSIM - Special (See Note)	Method				

ADDITIVES

Code	Additive	Brand	Unit	Code	Additive	Brand	Unit
800A	Antioxidant	Topanol A	mg/L	840A	Corr Inhibitor	PRI-19	mg/L
800B	Antioxidant	HITEC 4733	mg/L	840B	Corr Inhibitor	DCI-4A	mg/L
800C	Antioxidant	AN 733	mg/L	840C	Corr Inhibitor	DCI-6A	mg/L
800D	Antioxidant	AO-31	mg/L	840D	Corr Inhibitor	HITEC 580	mg/L
800E	Antioxidant	AO-30	mg/L	840E	Corr Inhibitor	Petrolite NC-351	mg/L
800F	Antioxidant	AO-29	mg/L	840F	Corr Inhibitor	NALCO 5403	mg/L
800G	Antioxidant	Nalco EC5208A	mg/L	840G	Corr Inhibitor	TOLAD 3220	mg/L
800H	Antioxidant	TOLAD 3915	mg/L	840H	Corr Inhibitor	UNICOR J	mg/L
800I	Antioxidant	TOLAD 3920	mg/L	840I	Corr Inhibitor	IPC-4410	mg/L
800J	Antioxidant	TOPANOL AN	mg/L	840J	Corr Inhibitor	IPC-4445	mg/L
800K	Antioxidant	CHIMIC 4327	mg/L	840K	Corr Inhibitor	MOBILAD F800	mg/L
800L	Antioxidant	AO-37	mg/L	840L	Corr Inhibitor	NALCO 5405	mg/L
800M	Antioxidant	BETZ BQ203	mg/L	840M	Corr Inhibitor	NUCHEM PCI-105	mg/L
				840N	Corr Inhibitor	TOLAD 249	mg/L
				840O	Corr Inhibitor	WELCHEM 91120	mg/L
801	Additive Injection Point		(Note)	840P	Corr Inhibitor	SPEC-AID 8021	mg/L
810A	Metal Deactivator (DMD)		mg/L	840Q	Corr Inhibitor	RPS-613	mg/L
810B	Metal Deactivator (DMD-2)		mg/L	840R	Corr Inhibitor	SPEC AID 8Q22	mg/L
811	Additive Injection Point		(Note)	841	Additive Injection Point		(Note)
820	Conductivity Improver	mg/L	850	Thermal Stability Additive	mg/L		851
	Additive Injection Point (Note)						
821	Additive Injection Point		(Note)				
830A	FSII (D-5006)		vol%	860	Diesel Fuel Stabilizer Additive		mg/L
830B	FSII (FTM-5327)		vol%	861	Additive Injection Point		(Note)
830C	FSII (FTM-5340)		vol%				
830D	FSII (FTM-5340) - EGME		vol%	870	Ignition Improver		mg/L
831	Additive Injection Point		(Note)	871	Additive Injection Point		(Note)

OTHER TESTS

<u>Code</u>	<u>Method</u>	<u>Test</u>	<u>Unit</u>	<u>Code</u>	<u>Method</u>	<u>Test</u>	<u>Unit</u>
900	D-2624	Conductivity	pS/m	920A	D-2699	Research Octane Number	Method
901	D-2624	Temperature at Measurement	°C	920B	D-2885	Research Octane Number	Method
910A	D-976	Calc Cetane Index - 2 Var	Method	921A	D-2700	Motor Octane Number	Method 910B
	D-4737	Calc Cetane Index - 4 Var	Method	921B	D-2885	Motor Octane Number	Method
911	D-613	Cetane Number	Method	930	D-611	Aniline Point	°C
				940	D-4814	Water Tolerance	°C